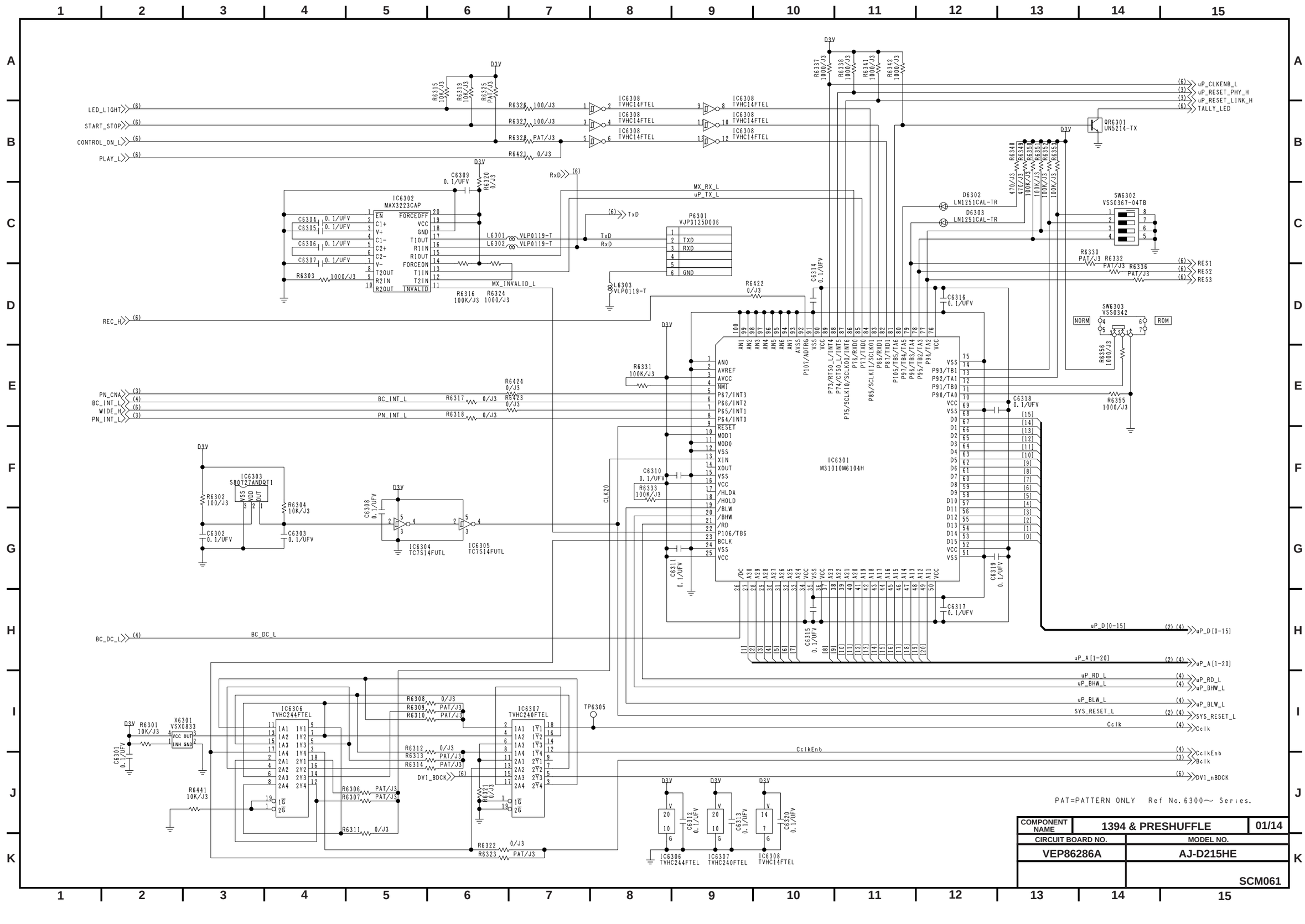
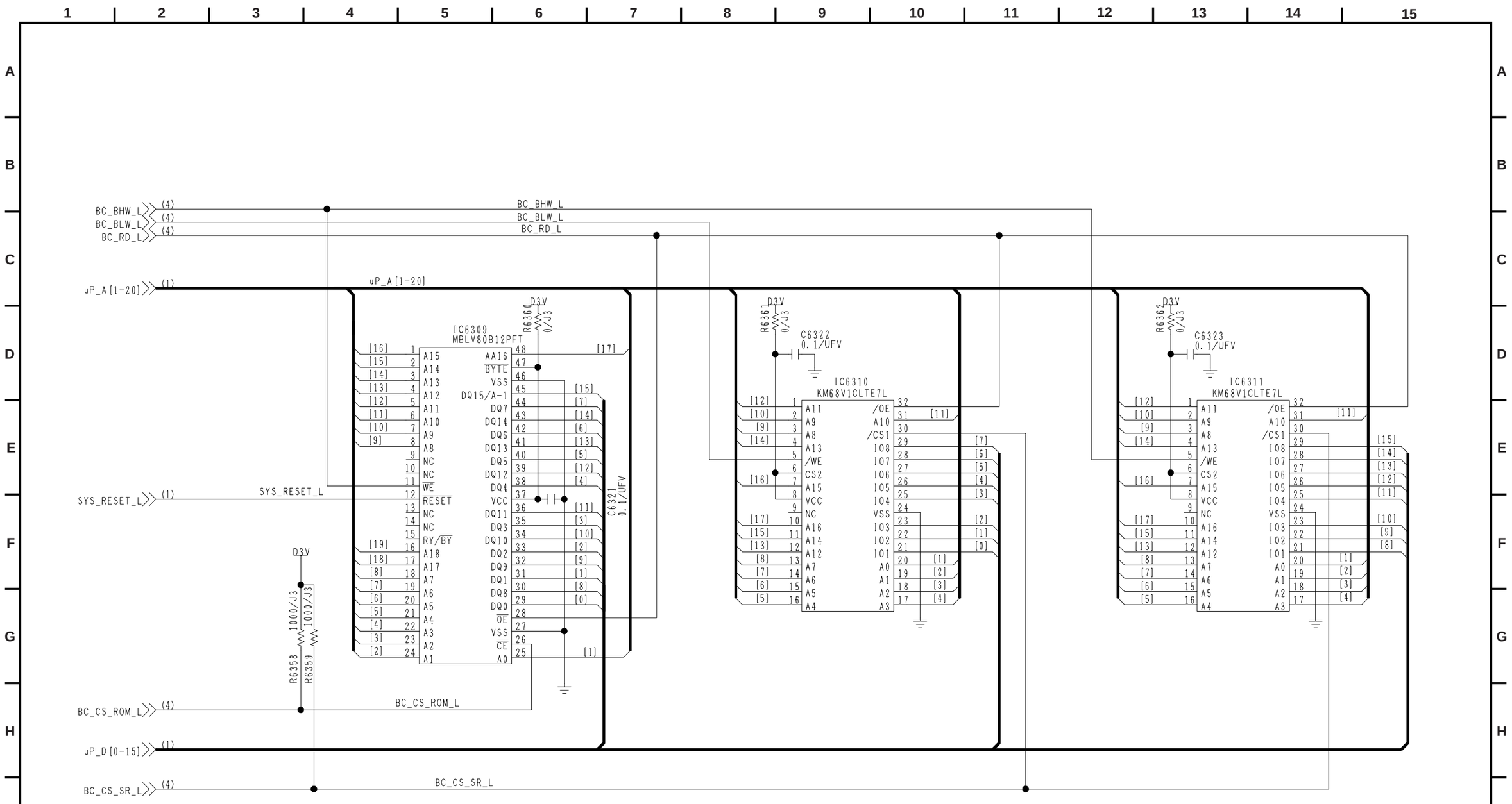


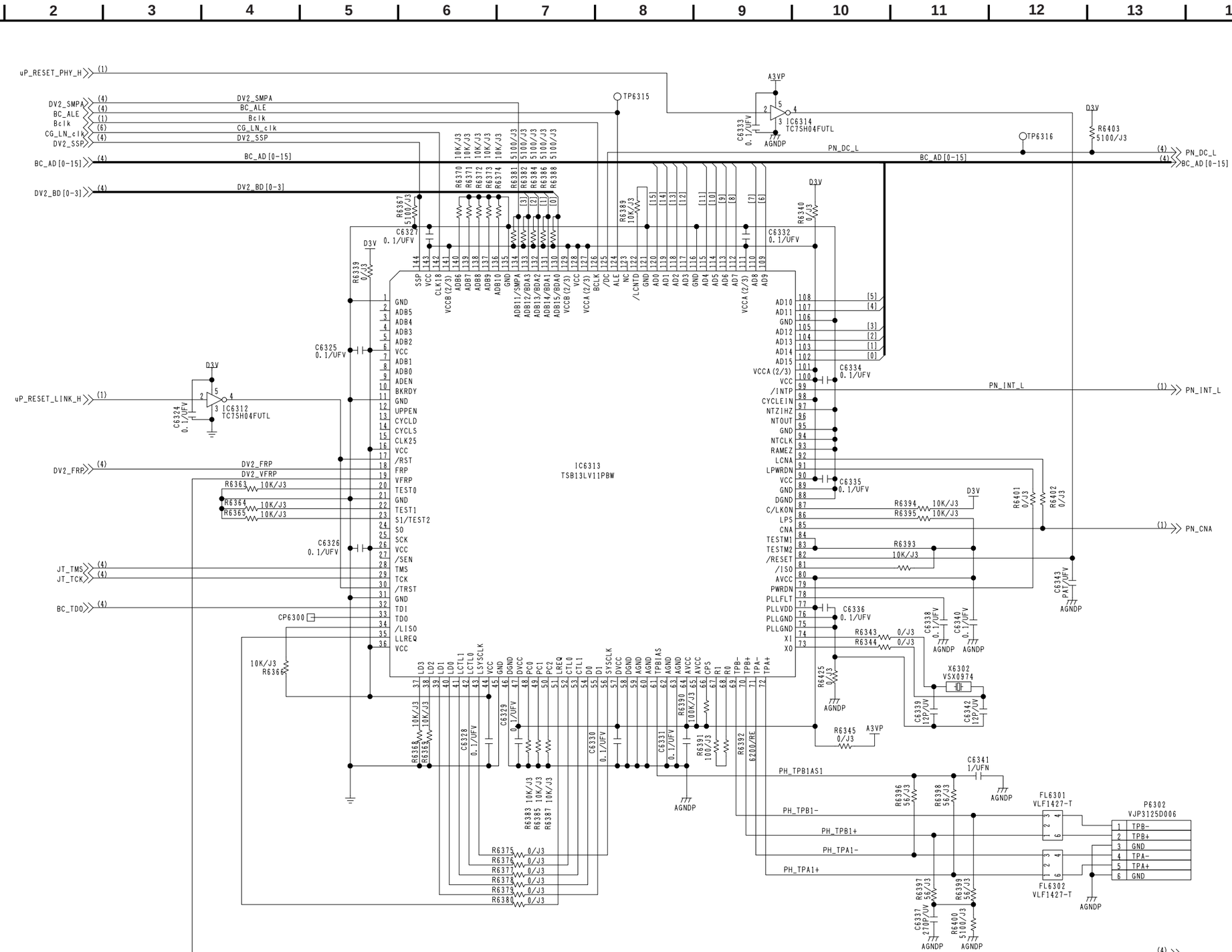
COMPONENT NAME	1394 & PRESHUFFLE	01/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM061



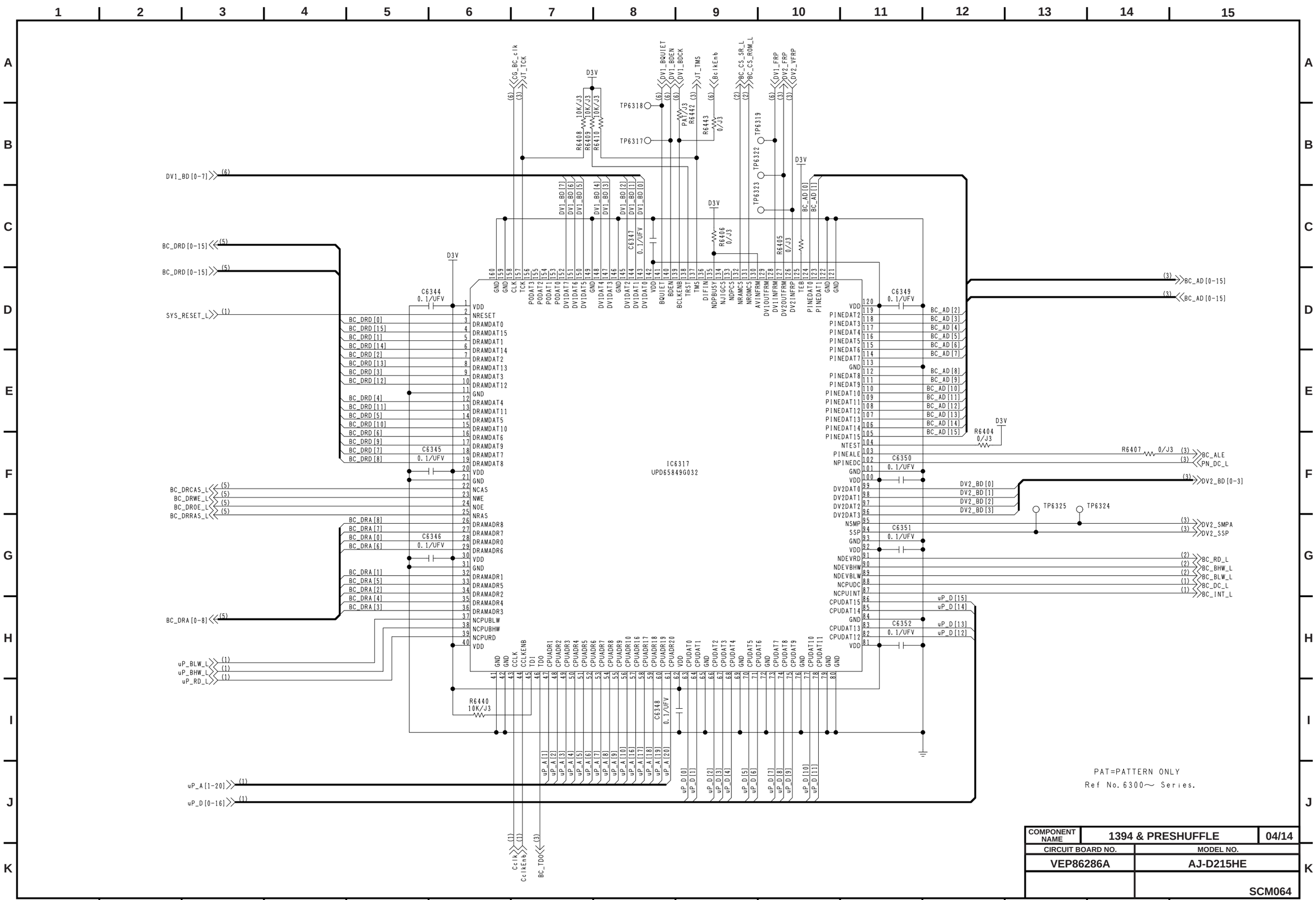
PAT=PATTERN ONLY

Ref No.6300～ Series.

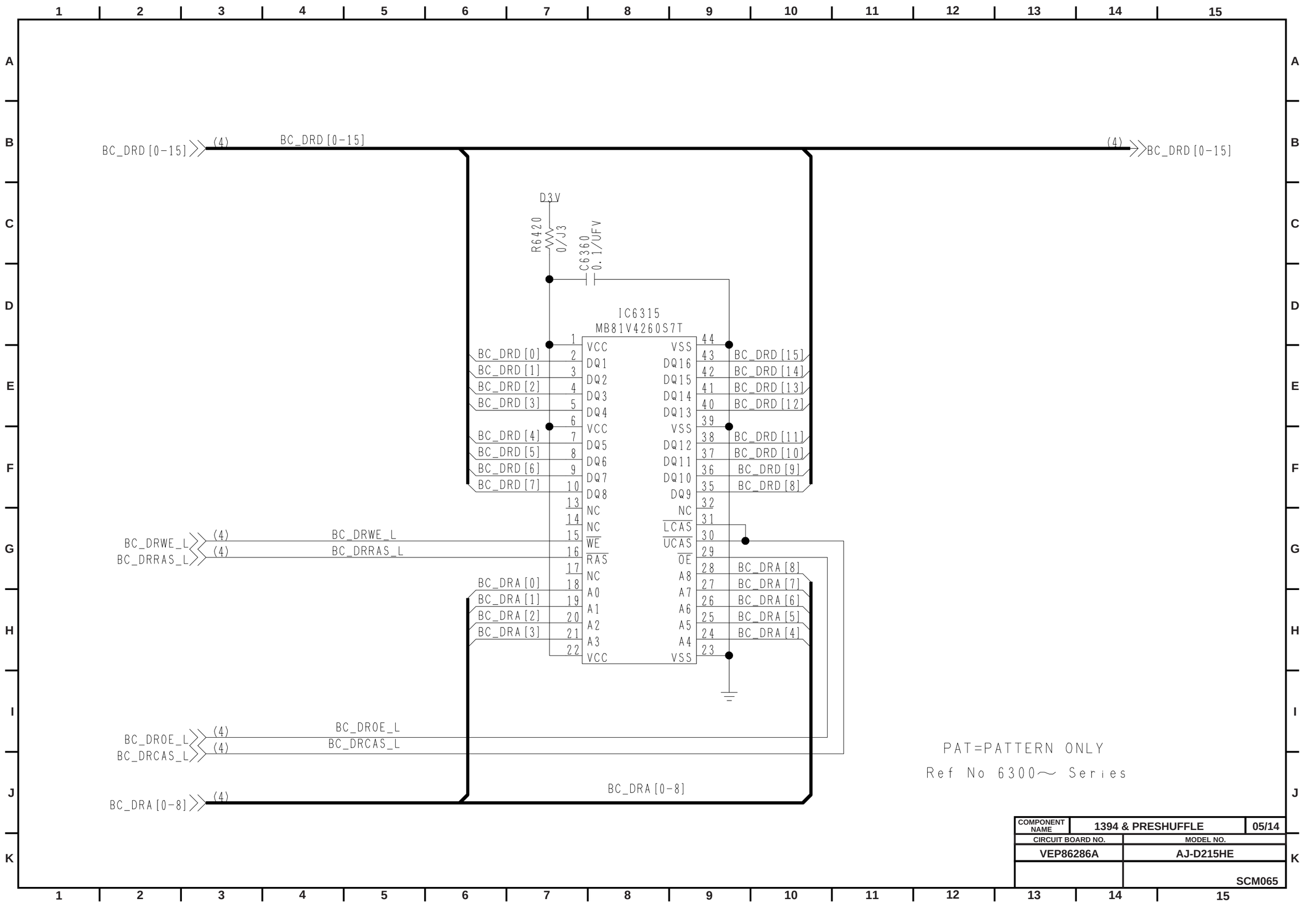
COMPONENT NAME	1394 & PRESHUFFLE	02/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM062

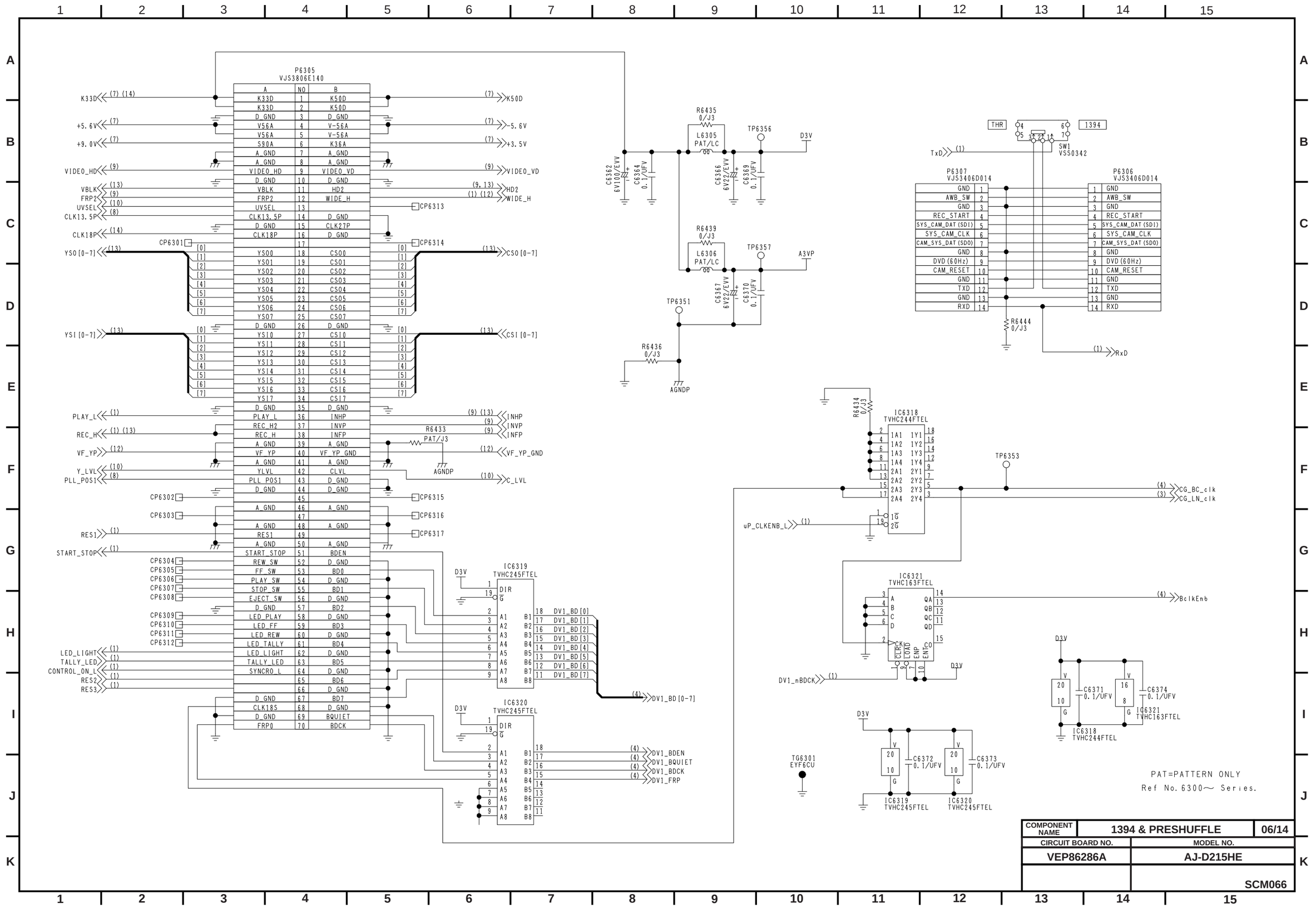


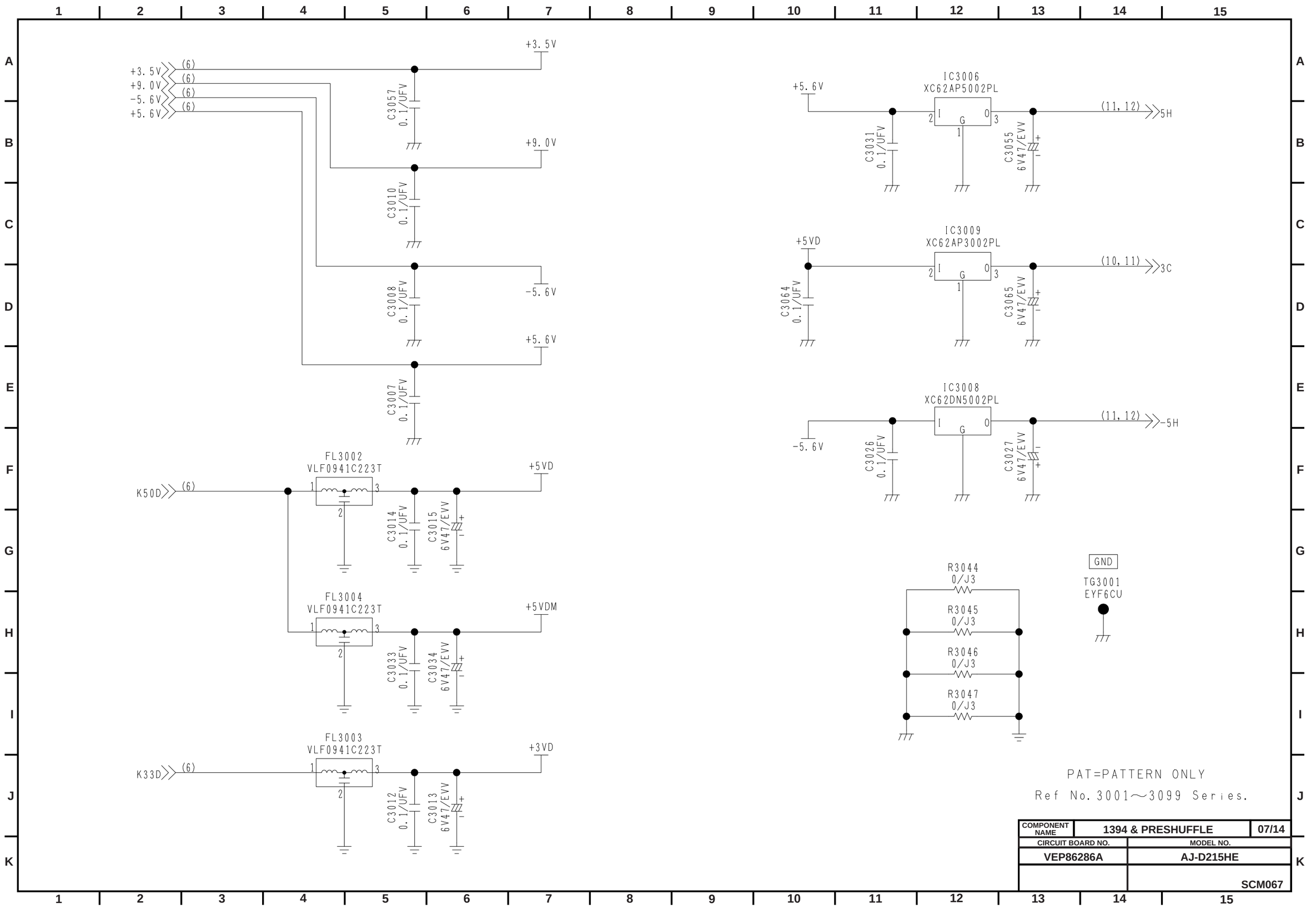
COMPONENT NAME	1394 & PRESHUFFLE	03/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM063



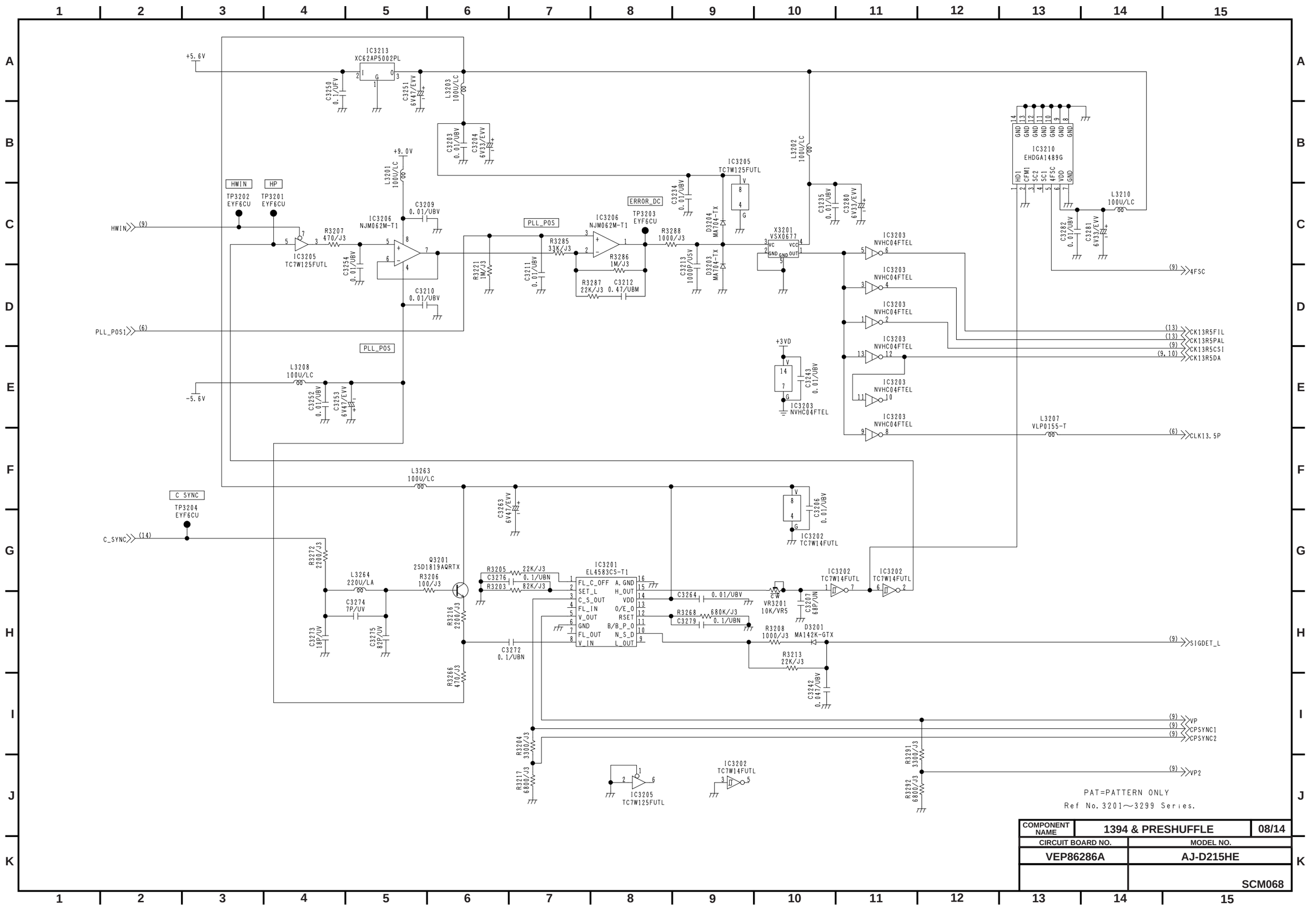
COMPONENT NAME	1394 & PRESHUFFLE	04/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM064


BC_DRD[0-15]
(4)
BC_DRD[0-15]
(4)
BC_DRD[0-15]
D3V
R6420
0/J3
C6360
0.1/UFV
IC6315
MB81V4260S7T
1 VCC
2 DQ1
3 DQ2
4 DQ3
5 DQ4
6 VCC
7 DQ5
8 DQ6
9 DQ7
10 DQ8
13 NC
14 NC
15 WE
16 RAS
17 NC
18 A0
19 A1
20 A2
21 A3
22 VCC
44 VSS
43 DQ16
42 DQ15
41 DQ14
40 DQ13
39 VSS
38 DQ12
37 DQ11
36 DQ10
35 DQ9
32 NC
31 LCAS
30 UCAS
29 OE
28 A8
27 A7
26 A6
25 A5
24 A4
23 VSS
BC_DRD[0]
BC_DRD[1]
BC_DRD[2]
BC_DRD[3]
BC_DRD[4]
BC_DRD[5]
BC_DRD[6]
BC_DRD[7]
BC_DRD[15]
BC_DRD[14]
BC_DRD[13]
BC_DRD[12]
BC_DRD[11]
BC_DRD[10]
BC_DRD[9]
BC_DRD[8]
BC_DRWE_L
BC_DRRAS_L
BC_DRWE_L
BC_DRRAS_L
BC_DRA[0]
BC_DRA[1]
BC_DRA[2]
BC_DRA[3]
BC_DRA[8]
BC_DRA[7]
BC_DRA[6]
BC_DRA[5]
BC_DRA[4]
BC_DROE_L
BC_DRCAS_L
BC_DROE_L
BC_DRCAS_L
BC_DRA[0-8]
BC_DRA[0-8]
PAT=PATTERN ONLY
Ref No 6300～ Series
COMPONENT NAME
1394 & PRESHUFFLE
05/14
CIRCUIT BOARD NO.
VEP86286A
MODEL NO.
AJ-D215HE
SCM065

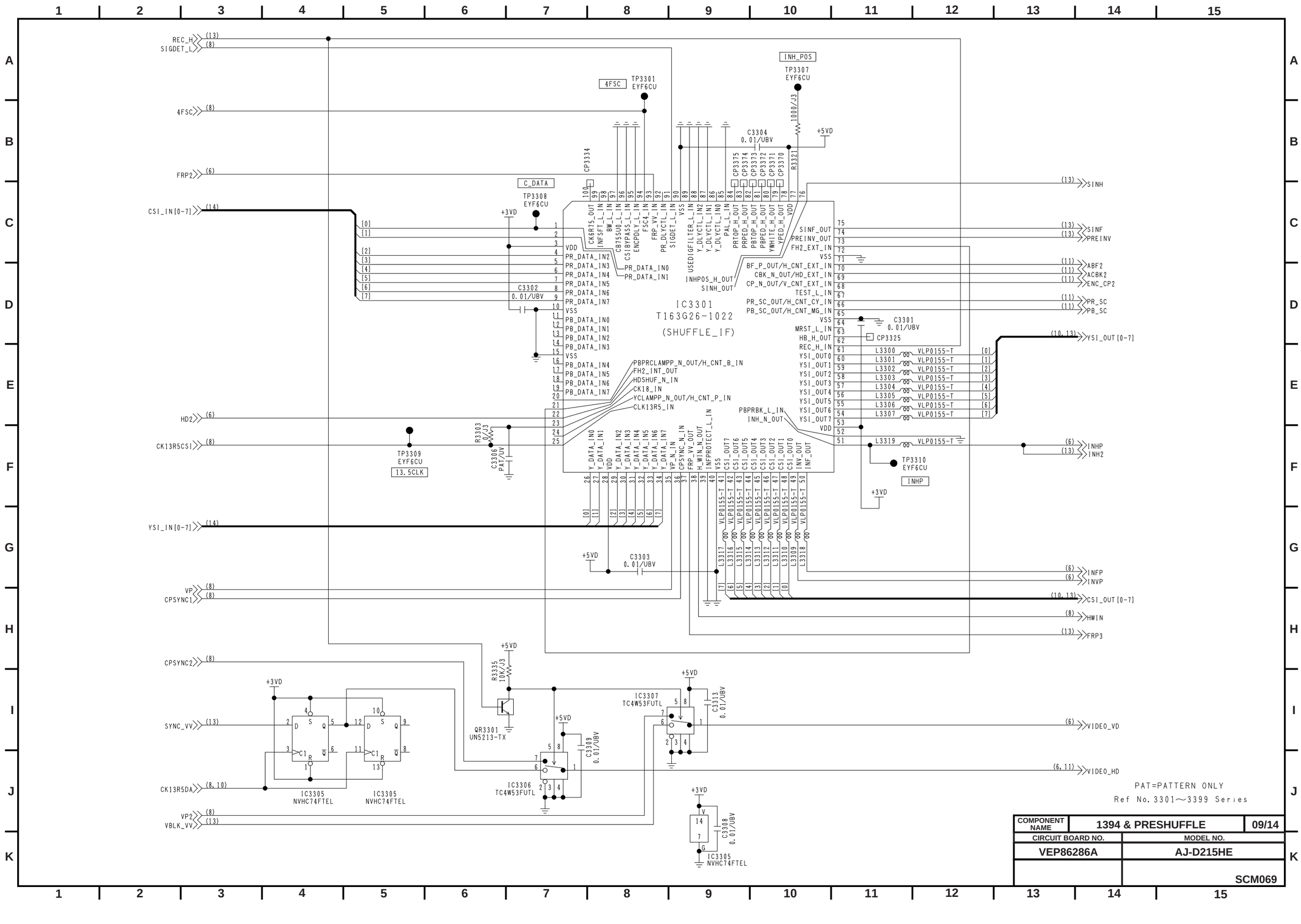

P6305
VJS3806E140
A NO B
K33D 1 K50D
K33D 2 K50D
D_GND 3 D_GND
V56A 4 V-56A
V56A 5 V-56A
S90A 6 K36A
A_GND 7 A_GND
A_GND 8 A_GND
VIDEO_HD 9 VIDEO_VD
D_GND 10 D_GND
VBLK 11 HD2
FRP2 12 WIDE_H
UVSEL 13
CLK13.5P 14 D_GND
D_GND 15 CLK27P
CLK18P 16 D_GND
17
YSO0 18 CSO0
YSO1 19 CSO1
YSO2 20 CSO2
YSO3 21 CSO3
YSO4 22 CSO4
YSO5 23 CSO5
YSO6 24 CSO6
YSO7 25 CSO7
D_GND 26 D_GND
YSI0 27 CSI0
YSI1 28 CSI1
YSI2 29 CSI2
YSI3 30 CSI3
YSI4 31 CSI4
YSI5 32 CSI5
YSI6 33 CSI6
YSI7 34 CSI7
D_GND 35 D_GND
PLAY_L 36 INHP
REC_H2 37 INVP
REC_H 38 INFP
A_GND 39 A_GND
VF_YP 40 VF_YP_GND
A_GND 41 A_GND
YLVL 42 CLVL
PLL_POS1 43 D_GND
D_GND 44 D_GND
45
A_GND 46 A_GND
47
A_GND 48 A_GND
RES1 49
A_GND 50 A_GND
START_STOP 51 BDEN
REW_SW 52 D_GND
FF_SW 53 BD0
PLAY_SW 54 D_GND
STOP_SW 55 BD1
EJECT_SW 56 D_GND
D_GND 57 BD2
LED_PLAY 58 D_GND
LED_FF 59 BD3
LED_REW 60 D_GND
LED_TALLY 61 BD4
LED_LIGHT 62 D_GND
TALLY_LED 63 BD5
SYNCRO_L 64 D_GND
65 BD6
66 D_GND
D_GND 67 BD7
CLK18S 68 D_GND
D_GND 69 BQUIET
FRP0 70 BDCK
K33D (7) (14)
+5.6V (7)
+9.0V (7)
VIDEO_HD (9)
VBLK (13)
FRP2 (9)
UVSEL (10)
CLK13.5P (8)
CLK18P (14)
YSO[0-7] (13)
YSI[0-7] (13)
PLAY_L (1)
REC_H (1) (13)
VF_YP (12)
Y_LVL (10)
PLL_POS1 (8)
RES1 (1)
START_STOP (1)
LED_LIGHT (1)
TALLY_LED (1)
CONTROL_ON_L (1)
RES2 (1)
RES3 (1)
CP6301
CP6302
CP6303
CP6304
CP6305
CP6306
CP6307
CP6308
CP6309
CP6310
CP6311
CP6312
CP6313
CP6314
CP6315
CP6316
CP6317
(7) K50D
(7) -5.6V
(7) +3.5V
(9) VIDEO_VD
(9,13) HD2
(1) (12) WIDE_H
(13) CSO[0-7]
(13) CSI[0-7]
(9) (13) INHP
(9) INVP
(9) INFP
(12) VF_YP_GND
(10) C_LVL
R6433 PAT/J3
AGNDP
R6435 0/J3
L6305 PAT/LC
TP6356
D3V
C6362 6V100/EVV
C6364 0.1/UFV
C6366 6V22/EVV
C6369 0.1/UFV
R6439 0/J3
L6306 PAT/LC
TP6357
A3VP
C6367 6V22/EVV
C6370 0.1/UFV
TP6351
R6436 0/J3
AGNDP
IC6319
TVHC245FTEL
IC6320
TVHC245FTEL
DIR
G
A1 A2 A3 A4 A5 A6 A7 A8
B1 B2 B3 B4 B5 B6 B7 B8
DV1_BD[0] DV1_BD[1] DV1_BD[2] DV1_BD[3] DV1_BD[4] DV1_BD[5] DV1_BD[6] DV1_BD[7]
(4) DV1_BD[0-7]
(4) DV1_BDEN
(4) DV1_BQUIET
(4) DV1_BDCK
(4) DV1_FRP
THR
1394
SW1
VS50342
TxD (1)
RxD (1)
P6307
VJS3406D014
P6306
VJS3406D014
GND 1
AWB_SW 2
GND 3
REC_START 4
SYS_CAM_DAT(SDI) 5
SYS_CAM_CLK 6
CAM_SYS_DAT(SDO) 7
GND 8
DVD(60Hz) 9
CAM_RESET 10
GND 11
TXD 12
GND 13
RXD 14
R6444 0/J3
R6434 0/J3
IC6318
TVHC244FTEL
1A1 1A2 1A3 1A4 2A1 2A2 2A3 2A4
1Y1 1Y2 1Y3 1Y4 2Y1 2Y2 2Y3 2Y4
1G 2G
TP6353
uP_CLKENB_L (1)
(4) CG_BC_clk
(3) CG_LN_clk
IC6321
TVHC163FTEL
A B C D
QA QB QC QD
CLK LOAD ENP ENT CO
(4) BclkEnb
DV1_nBDCK (1)
TG6301
EYF6CU
C6371 0.1/UFV
C6372 0.1/UFV
C6373 0.1/UFV
C6374 0.1/UFV
PAT=PATTERN ONLY
Ref No. 6300～ Series.
COMPONENT NAME
1394 & PRESHUFFLE
06/14
CIRCUIT BOARD NO.
VEP86286A
MODEL NO.
AJ-D215HE
SCM066

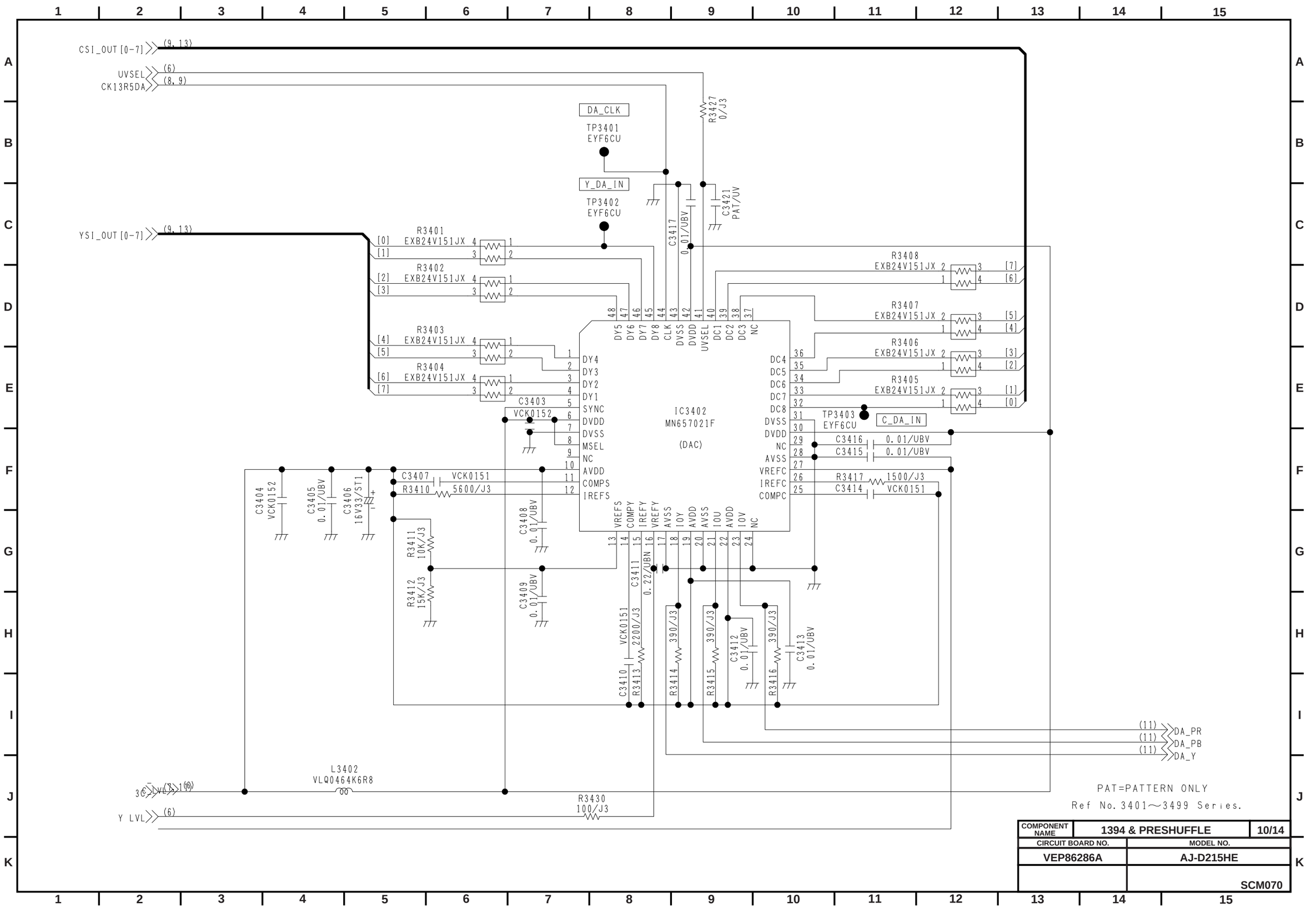


COMPONENT NAME	1394 & PRESHUFFLE	07/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM067

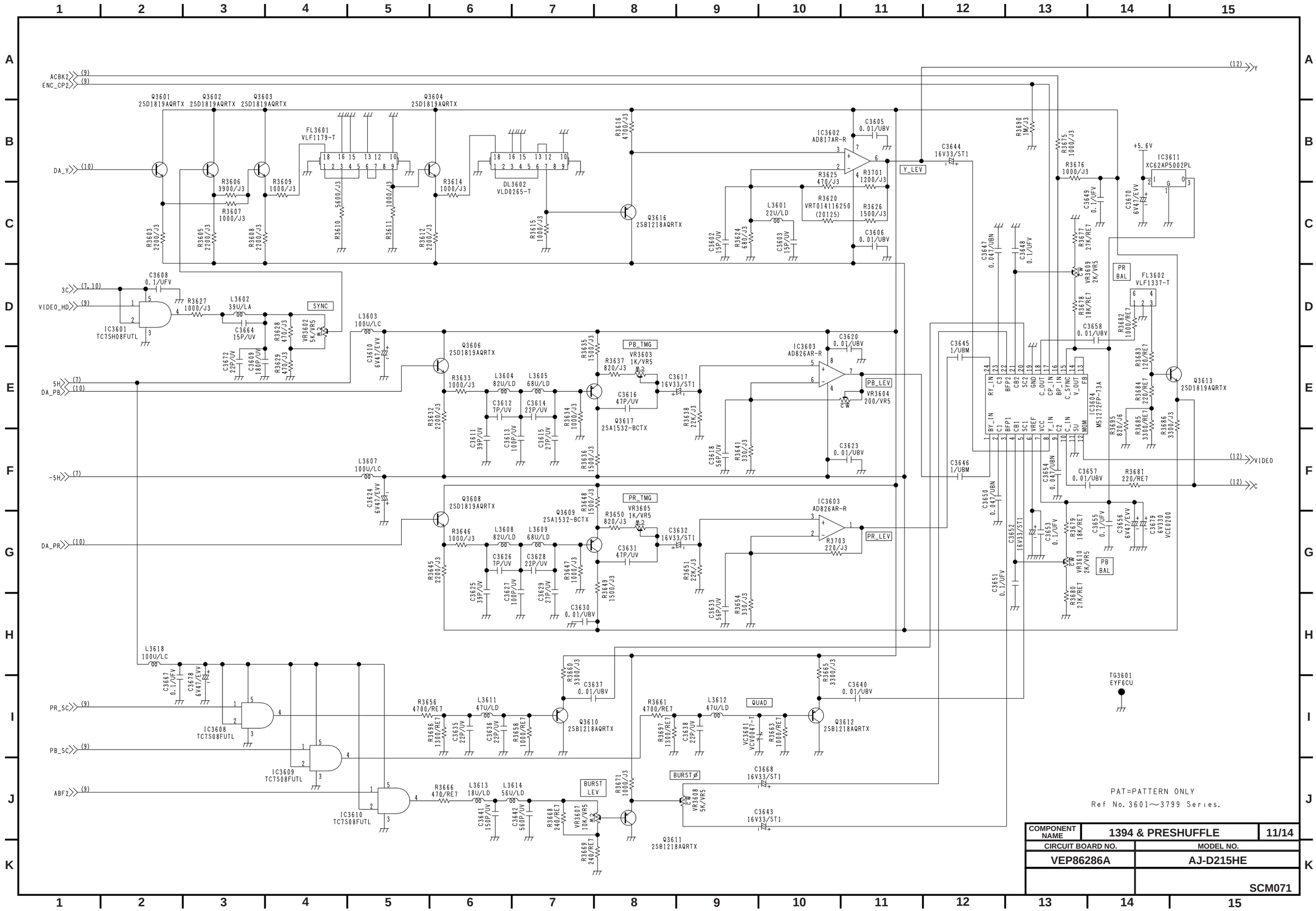


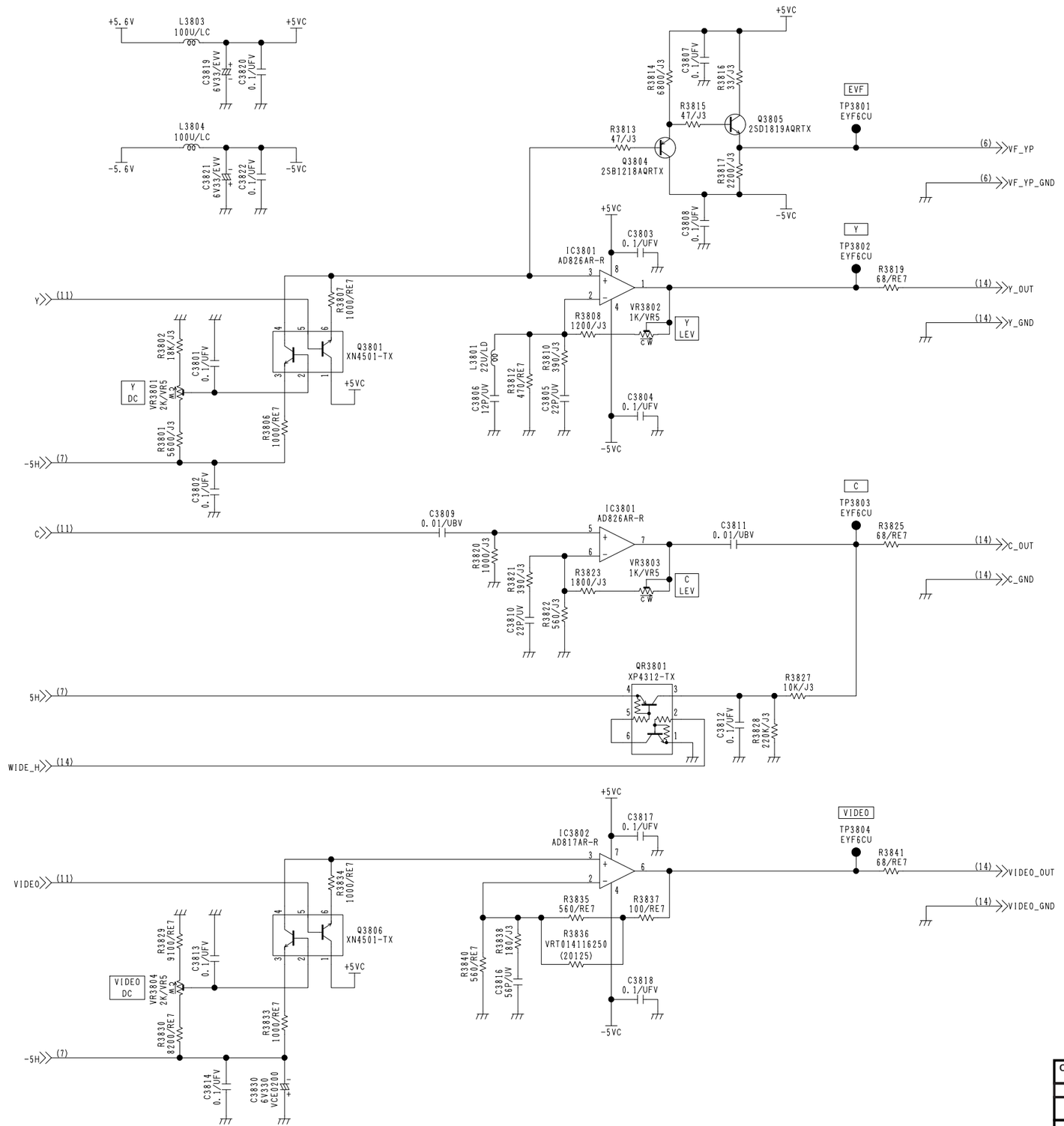
COMPONENT NAME	1394 & PRESHUFFLE	08/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM068


REC_H
SIGDET_L
4FSC
FRP2
CSI_IN[0-7]
HD2
CK13R5CSI
YSI_IN[0-7]
VP
CPSYNC1
CPSYNC2
SYNC_VV
CK13R5DA
VP2
VBLK_VV
4FSC
TP3301 EYF6CU
INH_POS
TP3307 EYF6CU
C_DATA
TP3308 EYF6CU
TP3309 EYF6CU
13.5CLK
TP3310 EYF6CU
INHP
IC3301
T163G26-1022
(SHUFFLE_IF)
C3301 0.01/UBV
C3302 0.01/UBV
C3303 0.01/UBV
C3304 0.01/UBV
C3306 PAT/UBV
C3308 0.01/UBV
C3309 0.01/UBV
C3313 0.01/UBV
C3325
+3VD
+5VD
R3303 0/J3
R3321 1000/J3
R3335 10K/J3
QR3301 UN5213-TX
IC3305 NVHC74FTEL
IC3306 TC4W53FUTL
IC3307 TC4W53FUTL
SINH
SINF
PREINV
ABF2
ACBK2
ENC_CP2
PR_SC
PB_SC
YSI_OUT[0-7]
INHP
INH2
INFP
INVP
CSI_OUT[0-7]
HWIN
FRP3
VIDEO_VD
VIDEO_HD
PBPRCLAMPP_N_OUT/H_CNT_B_IN
FH2_INT_OUT
HDSHUF_N_IN
CK18_IN
YCLAMPP_N_OUT/H_CNT_P_IN
CLK13R5_IN
PBPRBK_L_IN
INH_N_OUT
PAT=PATTERN ONLY
Ref No. 3301～3399 Series
COMPONENT NAME
1394 & PRESHUFFLE
09/14
CIRCUIT BOARD NO.
VEP86286A
MODEL NO.
AJ-D215HE
SCM069

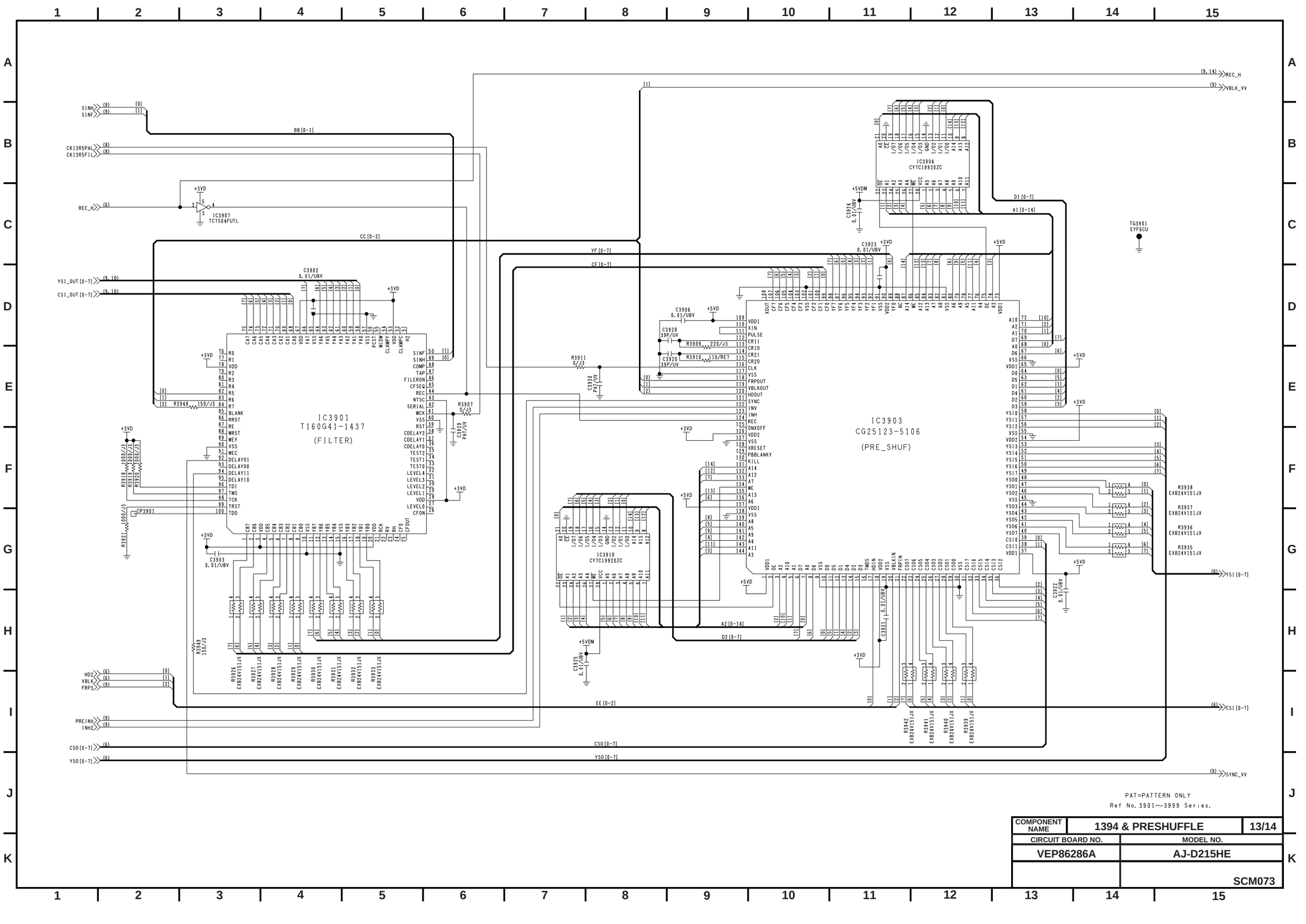


COMPONENT NAME	1394 & PRESHUFFLE	10/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM070


ACBK2 (9)
ENC_CP2 (9)
DA_Y (10)
Q3601 2SD1819AQRTX
Q3602 2SD1819AQRTX
Q3603 2SD1819AQRTX
Q3604 2SD1819AQRTX
FL3601 VLF1179-T
DL3602 VLD0265-T
Q3616 2SB1218AQRTX
IC3602 AD817AR-R
C3644 16V33/ST1
Y_LEV
(12) Y
+5.6V
IC3611 XC62AP5002PL
3C (7,10)
VIDEO_HD (9)
IC3601 TC7SH08FUTL
SYNC
L3602 39U/LA
L3603 100U/LC
Q3606 2SD1819AQRTX
5H (7)
DA_PB (10)
L3604 82U/LD
L3605 68U/LD
PB_TMG
VR3603 1K/VR5
Q3617 2SA1532-BCTX
IC3603 AD826AR-R
PB_LEV
VR3604 200/VR5
L3607 100U/LC
-5H (7)
Q3608 2SD1819AQRTX
Q3609 2SA1532-BCTX
PR_TMG
VR3605 1K/VR5
DA_PR (10)
L3608 82U/LD
L3609 68U/LD
PR_LEV
IC3604 M51272FP-73A
(12) VIDEO
(12) C
PR BAL
VR3609 2K/VR5
PB BAL
VR3610 2K/VR5
L3618 100U/LC
PR_SC (9)
PB_SC (9)
ABF2 (9)
IC3608 TC7S08FUTL
IC3609 TC7S08FUTL
IC3610 TC7S08FUTL
L3611 47U/LD
L3612 47U/LD
QUAD
VC3601 VCC0044-T
Q3610 2SB1218AQRTX
Q3612 2SB1218AQRTX
Q3613 2SD1819AQRTX
L3613 18U/LD
L3614 56U/LD
BURST LEV
BURST
VR3607 10K/VR5
VR3608 5K/VR5
Q3611 2SB1218AQRTX
TG3601 EYF6CU
PAT=PATTERN ONLY
Ref No. 3601～3799 Series.
COMPONENT NAME
1394 & PRESHUFFLE
11/14
CIRCUIT BOARD NO.
VEP86286A
MODEL NO.
AJ-D215HE
SCM071

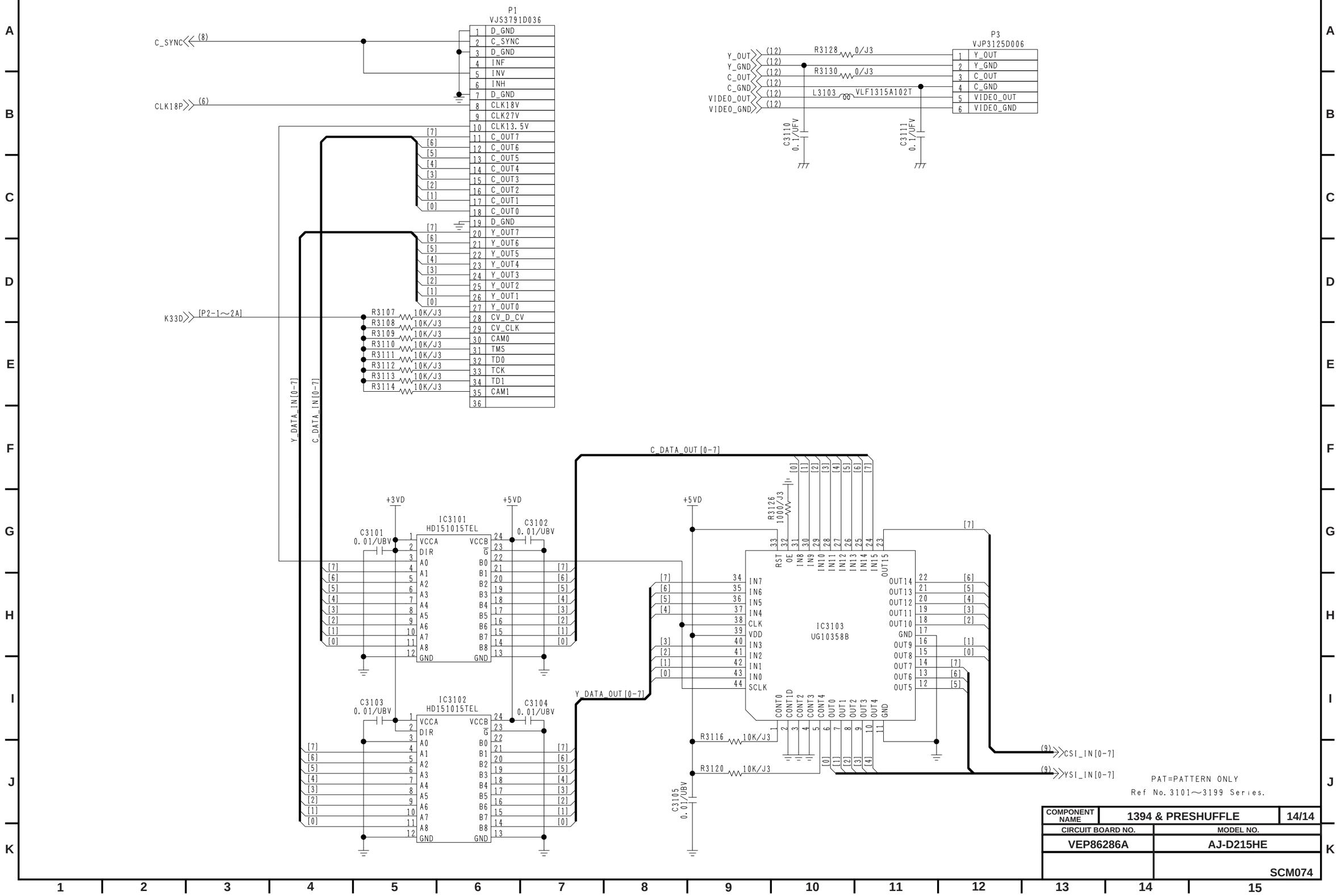


COMPONENT NAME	1394 & PRESHUFFLE	12/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM072



PAT=PATTERN ONLY
Ref No. 3901～3999 Series.

COMPONENT NAME	1394 & PRESHUFFLE	13/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP86286A	AJ-D215HE	
		SCM073


P1
VJS3791D036
C_SYNC (8)
CLK18P (6)
K33D [P2-1～2A]
D_GND
C_SYNC
INF
INV
INH
CLK18V
CLK27V
CLK13.5V
C_OUT7
C_OUT6
C_OUT5
C_OUT4
C_OUT3
C_OUT2
C_OUT1
C_OUT0
Y_OUT7
Y_OUT6
Y_OUT5
Y_OUT4
Y_OUT3
Y_OUT2
Y_OUT1
Y_OUT0
CV_D_CV
CV_CLK
CAM0
TMS
TD0
TCK
TD1
CAM1
R3107 10K/J3
R3108 10K/J3
R3109 10K/J3
R3110 10K/J3
R3111 10K/J3
R3112 10K/J3
R3113 10K/J3
R3114 10K/J3
Y_DATA_IN[0-7]
C_DATA_IN[0-7]
P3
VJP3125D006
Y_OUT
Y_GND
C_OUT
C_GND
VIDEO_OUT
VIDEO_GND
R3128 0/J3
R3130 0/J3
L3103 VLF1315A102T
C3110 0.1/UFV
C3111 0.1/UFV
+3VD
+5VD
IC3101
HD151015TEL
IC3102
HD151015TEL
C3101 0.01/UBV
C3102 0.01/UBV
C3103 0.01/UBV
C3104 0.01/UBV
VCCA
DIR
A0
A1
A2
A3
A4
A5
A6
A7
A8
GND
VCCB
G
B0
B1
B2
B3
B4
B5
B6
B7
B8
C_DATA_OUT[0-7]
Y_DATA_OUT[0-7]
IC3103
UG10358B
RST
OE
IN8
IN9
IN10
IN11
IN12
IN13
IN14
IN15
OUT15
IN7
IN6
IN5
IN4
CLK
VDD
IN3
IN2
IN1
IN0
SCLK
OUT14
OUT13
OUT12
OUT11
OUT10
GND
OUT9
OUT8
OUT7
OUT6
OUT5
CONT0
CONT1D
CONT2
CONT3
CONT4
OUT0
OUT1
OUT2
OUT3
OUT4
GND
R3126 1000/J3
R3116 10K/J3
R3120 10K/J3
C3105 0.01/UBV
(9) CSI_IN[0-7]
(9) YSI_IN[0-7]
PAT=PATTERN ONLY
Ref No. 3101～3199 Series.
COMPONENT NAME
1394 & PRESHUFFLE
14/14
CIRCUIT BOARD NO.
VEP86286A
MODEL NO.
AJ-D215HE
SCM074